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Number of pages including cover letter:

7

Date:

September 3, 2004

From:

Max R. Wood

Telephone:

(613) 780-8681

E-mail:

mwood@ogilvyrenault.com

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|-------|--|----------------|----------------|
| - 1 - | United States Patent Office – Facsimile Centre | Alexandria, VA | (703) 872-9306 |

MAIL STOP ISSUE FEE

Re:

Serial No.

09/750,217

Inventor:

Nicole Klappholz

Title:

METHODS AND SYSTEM FOR TIME MANAGEMENT IN A

SHARED MEMORY PARALLEL PROCESSOR COMPUTING

ENVIRONMENT

Issue fee payment documentation attached.

Signature

| | | | , | U.S. Paten | i and Trai | domark Office | · U.S. DE | PTO/SB/21 (08-03) h 07/31/2006. OMB 0651-0031 EPARTMENT OF COMMERCE to a welld OMB control number. |
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| Under the Par | oerwark Re | duction Act of 1995 | no person | a are required to respond to a collection Application Number | in or inton | (() Entrope entre en | | 50,217 |
| TF | RANS | MITTAL | | Filing Date | | De | cembe | er 29, 2000 |
| | FO | | | First Named Inventor | | N | icole h | Clappholz |
| (to be used for | ali correspo | ndence after initial f | iling) | Art Unit | | · · · · · · · · · · · · · · · · · · · | 2 | 154 |
| , | • | | | Examiner Name | | Ast | okkur | nar B. Patel |
| Total Number of | f Pages in T | his Submlasion | 6 | Attorney Docket Number | | _ 9 | -1352 | B-122US |
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| | | SIGNA | TURE | OF APPLICANT, ATTORN | EY, O | R AGENT | - | |
| Firm or Individual name | Max | R. Wood, Re | | | | | | |
| Signature | | sun le | | | | | | |
| Date | Septe | <u>mber 3, 200</u> |)4 | | | · <u>-</u> | | <u></u> |
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| I hereby certify the sufficient postage the date shown to | e as first c | mespondence is b class mail in an on | eing facs volope ac | imile transmitted to the USPTO o ddressed to: Commissioner for Pa | r deposi stents, P | ted with the .Q. Box 145 | United : 0, Alexa | States Postal Service with undria, VA 22313-1450 on |
| Typed or printed | name | Max R. Wo | od, Re | eg. No. 40,388 | | | | |
| Signature | | 72 | // 4 | | | | Date | September 3, 2004 |

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Ottawa, September 3, 2004

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United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
U. S. A.

Sir:

Re:

United States Patent Application No.: 09/750,217

Title:

METHODS AND SYSTEM FOR TIME MANAGEMENT IN A

SHARED MEMORY PARALLEL PROCESSOR COMPUTING

ENVIRONMENT

Inventor:

Nicole KLAPPHOLZ

Assignee:

Nortel Networks Limited

Our File:

9-13528-122US

In response to the Notice of Allowance dated July 29, 2004, enclosed are the following documents in relation to the above-identified patent application:

- 1. Transmittal Form, PTO Form SB/21.
- 2. Issue Fee Transmittal form.
- 3. "Fee Address" Indication form.
- 4. Fee Transmittal form (in duplicate) covering payment of the issue fee (\$1,330.00) and two printed copies of the issued patent (\$6.00).

The Commissioner is hereby authorized to charge the above fees to our Deposit Account No. 19-5113.

Respectfully submitted,

Max R. Wood, Reg. No. 40,388

Agent of Record

MRW:kp/Encls.

Barristers & Solicitors, Patent Agents & Trade-mark Agents Suite 1600 45 O'Connor Street Ottown, Ontario K1P 1A4 Telephone (613) 780-8661 Fax (613) 230-5459

ogilvyrenault.com

PART B - FEE(S) TRANSMITTAL

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(703) 746-4000 or <u>Fax</u>

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OGILVY RENAULT 1981 MCGILL COLLEGE AVENUE SUITE 1600 MONTREAL, QC H3A2Y3 CANADA

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(Depostor's пипе) (Size (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/750,217 | 12/29/2000 | \ Nicole Klappholz | 9-13528-122US | 6983 |

TITLE OF INVENTION: METHODS AND SYSTEM FOR TIME MANAGEMENT IN A SHARED MEMORY PARALLEL PROCESSOR COMPUTING ENVIRONMENT

| APPLN, TYPE | SMALL ENTITY | ISSUE FE | <u></u> | PUBLICATION FEE | TOTALF | EE(S) DUE | DATE DUE |
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| nonprovisional | NO | \$1330 | 1 | so | \$1 | 1330 | 10/29/2004 |
| EXAI | MINER | ART UN | ıT | CLASS-SUBCLASS |] . | | |
| PATEL, ASH | OKKUMAR B | 2154 | | 718-108000 | _ | | |
| 1. Change of correspondent CFR 1,363). | ec address or indication of "Fo | c Address" (37 | | rinting on the patent front page, I names of up to 3 registered pate | | Max R. | Wood |
| | lence address (or Change of C 122) attached. | orrespondence | or agent | names of up to 3 registered pair. is OR, alternatively, name of a single firm (having as | _ | Ogilvy | Renault |
| XX Fee Address indica PTO/SB/47; Rev 03-02 Number is required. | tion (or "Fee Address" Indicat or more recent) attached. Use | registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 3_listed, no name will be printed. | | | 3 | | |

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set furth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

NORTH NETWORKS LIMITED

Laurent, Ouebec, Canada

| | De l'adment agreement des seus de la company | | | | | |
|---|--|--|--|--|--|--|
| Please check the appropriate assignee category or categories (will not be | ne printed on the patent); 🔘 individual 🏋 corporation or other private group entity 🚨 government | | | | | |
| 4s. The following fee(s) are enclosed: | 4b. Payment of Fee(s): | | | | | |
| XXIsaue Fee | ☐ A check in the amount of the fee(s) is enclosed. | | | | | |
| ☐ Publication Fee (No small entity discount permitted) | ☐ Payment by credit card. Form PTO-2038 is attached. | | | | | |
| XXAdvance Order - # of Copies2 | Deposit Account Number 19-5 13 (caclose an extra copy of this form). | | | | | |
| 5. Change in Entity Status (from status indicated above) | | | | | | |
| D a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. | ☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2). | | | | | |
| The Director of the USPTO is requested to apply the Issue Fee and Pul | blication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. | | | | | |

interest as shown by the records of the United States Parent and Trademark Office.

| (Authorized Signature) | Max F | boow . | (Date) | | *** |
|---------------------------------|---------------|---------------|----------------------|--|--|
| (Authorized Signature) | | 885.04 | | September 3, | 2004 |
| This calledien of information | a is required | W 37 CER 1 | 311. The information | is required to obtain or retain a ben- | efit by the public which is to file (and by the USPTO to proce |
| on application. Confidentiality | v is governe | d by 35 U.S.C | C. 122 and 37 CFR 1 | .14. This collection is estimated to t | ake 12 minutes to complete, including gathering, preparing, |

an appheasion. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USFTO. Time will vary depending upon the individual case. Any commette to the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PTO/SBI47 (07-03)

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This collection of Information is required by 37 CFR 1.363. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO This collection of Information is required by 37 CFR 1.363. The information is required to obtain or retain a benefit by the public which is complete, including to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 5 minutes to complete, any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the complete like form and/or suggestions for reducing this burdon, should be sent to the Chief Information Officer, U.S. Patent and amount of time you require to complete the form reducing this burdon, should be sent to the Chief Information Officer, U.S. Patent and amount of time you require to complete the formation for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

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forms are submitted.

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| FEE TO ANGMITTAL | 09/750,217 |
| FEE TRANSMITTAL | Application Number December 29, 2000 |
| for FY 2004 | Pling Date Nicola Klapoholz |
| Effective 10/01/2003, Patent fees are subject to annual revision. | First Named Inventor |
| | Examiner Name 2154 |
| Applicant claims small entity status. See 37 CFR 1.27 | Art Unit 9-13528-122US |
| TOTAL AMOUNT OF PAYMENT (\$) 1,336 | Attorney Docker No. |
| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) |
| Check Credit card Order Other None | 3. ADDITIONAL FEES Lerge Entity Small Entity |
| P Deposit Account: | Fec Fee Fee Fee Description Fee Paid |
| Deposit 19-5113 | 1051 13D 2051 65 Surcharge - late filling fee or oath |
| Number | 1052 50 2052 25 Surcharge - late provisional illing toe or |
| Deposit Account Ogilvy Renault | tors 430 1053 130 Non-English specification |
| Name The Director is authorized to: (check all that apply) | 1812 2.520 1812 2.520 For filing a request for ex parte reexamination |
| Charge fee(s) Indicated below Credit any overpayments | 1804 920" 1804 920" Requesting publication of SIR prior to Examiner action |
| Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filling fee | 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action |
| to the above-identified deposit account. | 1251 110 2251 55 Extension for raply within first month |
| FEE CALCULATION | 1252 420 2252 210 Extension for reply within second month |
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| Large Entity Small Entity For Fee Fee Fee Fee Description Fee Paid | 1254 1,480 2254 740 Extension for repty within fourth month |
| Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee | 1255 2,010 2255 1,005 Extension for reply within fifth month |
| 1002 340 2002 170 Design filing fee | 1401 330 2401 165 Notice of Appeal 1402 330 2402 165 Filling a brief in support of an appeal |
| 1003 530 2003 265 Plant filing fee | 1402 330 2402 165 Filing a bnef in support of an appear 1403 290 2403 145 Request for oral hearing |
| 1004 770 2004 385 Reissue filing fee | 1451 1,510 1451 1,510 Petition to institute a public use proceeding |
| 1005 160 2009 80 Provisional filing fee | 1452 110 2452 55 Petition to revive - unavoidable |
| \$08101AE(1) (\(\frac{1}{4}\) | 1453 1,330 2453 665 Petition to revive - unintentional 1,330 |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1501 1,330 2501 665 Utility issue tea (or reissue) |
| Extra Claim\$ below Fee Page | 71) |
| Total Cialms 20** = X 4 | 1503 640 2503 320 Plant issue fee |
| Claims Multiple Dependent | 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) |
| Large Potity I. Small Entity | 1806 180 1806 180 Submission of Information Disclosure Stmt |
| Fee Fec Fee Fee Fee Description Code (\$) Code (\$) | 8021 40 8021 40 Recording each patent assignment per property (times number of properties) |
| 1202 18 2202 9 Claims in excess of 20 | 4900 770 2809 385 Filing a submission after final rejection |
| 1201 86 2201 43 Independent claims in excess of 3 | (37 ČFR 1.129(a)) d 1810 770 2810 385 For each additional invention to be |
| 1203 290 2203 145 Multiple dependent claim, if not paid | examined (37 CFR 1.129(b)) |
| over original patent | 1802 900 1802 900 Request for expedited examination |
| 1205 18 2205 9 Reissue claims in excess of 20 and over original patent | of a design application Other fee (specify) 8001 - Two printed copies of parent. |
| SUBTOTAL (2) (\$) 0 | - Reduced by Basic Filing Fee Paid SUBTOTAL (3) (5) 1,336 |
| **or number previously paid, if greater; Far Reisaues, see above | (Complete (# applicable)) |
| SUBMITTED BY | Registration No. 40,388 Telephone 613-780-8681 |
| Name (Prin/Type) Max R. Wood | (Afterney/Agent) 40,386 Date September 3, 2004 |

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FEE TRANSMITTA

Effective 10/01/2003, Patent fees are subject to annual ravision

for FY 2004

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B stollaction of information unless it displayed a waited OMB control auxiliary. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 09/750,217 Application Number December 29, 2000 Filing Date Nicole Klappholz First Named Inventor Ashokkumar B. Patel Examinar Name 2154 Art Unit 9-13528-122US

| Applicant claims small entity status. See 37 CFR 1.27 | Art U | nit | 2154 | |
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| 4.000 | - ا | ney Docket No. | 9-13528-122US | |
| TOTAL AMOUNT OF PAYMENT | | | ALCULATION (continued) | |
| METHOD OF PAYMENT (check all that apply) | A ADDIT | IONAL FEES | | |
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| Account | 1053 130 | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | filing a request for ex parte reexamination | |
| The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments | 1812 2,52 1804 92 | 0=1 1804 920° Rec | suesting publication of SIR prior to | |
| Charge any additional fee(s) or any underpayment of fee(s) | | Exa | uniner action questing publication of SIR after | 1.1 |
| Charge fee(s) indicated below, except for the filing for | 1805 1,84 | Ext | aminer action | |
| to the above-identified deposit account. | 1251 11 | 10 2251 55 EX | tension for reply within first month | |
| FEE CALCULATION | 1252 4 | | tension for reply within second month | |
| 1. BASIC FILING FEE | 1253 99 | 50 2253 475 EX | stension for reply within third month | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Fee Description Fee Paid | 1254 1,4 | BO 2254 740 E | dension for reply within fourth month dension for reply within fifth month | |
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| 1001 770 2001 385 Utility filing fee | 1401 3 | 30 2401 165 N | otice of Appeal | |
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| 1003 530 2003 265 Plant talling less 1004 770 2004 385 Reissue filing fee | | 90 2403 145 F | etition to institute a public use proceeding | <u> </u> |
| 1005 160 2005 80 Provisional filing fee | 1451 1,5 | 510 1451 1,510 P 110 2452 55 P | etition to revive - unavoidable | |
| SUBTOTAL (1) (\$) 0 | 1452 1 | | Petition to revive - unintentional | 1 222 |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSU | E 1501 1. | | Julity Issue (ee (or relssue) | 1,330 |
| | d 1502 | | Design issue fee | — |
| Total Claims Extra Claims below Fee Fall X | - 11 | | Plant issue fee | — |
| Independent 3 = X | 1460 | | Petitions to the Commissioner | <u> </u> |
| Claims Multiple Dependent | 1807 | 50 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| Caffly I Small Entity | 1806 | | Submission of Information Disclosure Strat Recording each patent assignment per | |
| Fee Fee Fee Fee Description | 8021 | | | |
| 1302 18 2202 9 Claims in excess of 20 | 1809 | | Filing a submission after final rejection (37 CFR 1.129(a)) | <u> </u> |
| 4201 PB 2201 43 Independent claims in excess of 3 | | | For each additional invention to be | |
| 4203 200 2203 145 Multiple dependent claim, if not pa | ld 1610 | ,,,, | examined (37 CFR 1.129(0)) | |
| 1204 86 2204 43 Reissue independent claims over original patent | 1801 | | Request for Continued Examination (RCE) | ' |
| The Paies of Paies of Paies of 20 | 1602 | *** | Request for expedited examination of a design application | _ |
| and over original patent | Other | tee (specify) 8001 - Th | wo printed copies of patent. | 6_ |
| SUBTOTAL (2) (\$) 0 | Redu | ced by Basic Filing F | ee Paid SUBTOTAL (3) (\$) | 1,336 |
| **or number previously paid, if greater, For Releases, see above | | | (Complete (# applicable)) | |

SUBMITTED BY Registration No. Telephone 40,388 Max R. Wood September 3, 2004 Name (PAnt/Type) WARNING: Information on this form may become public. Credit card information should not Signature

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